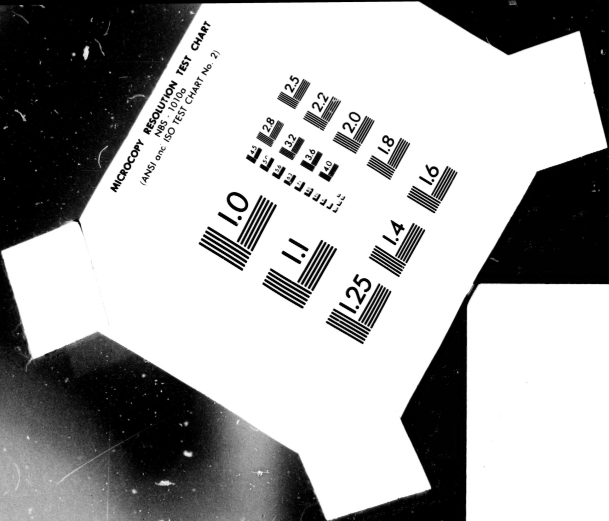
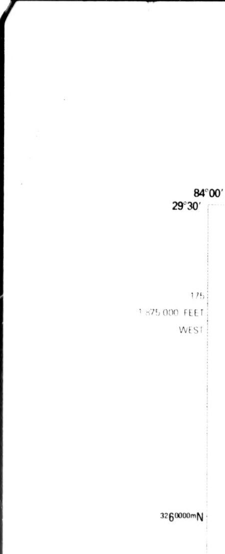
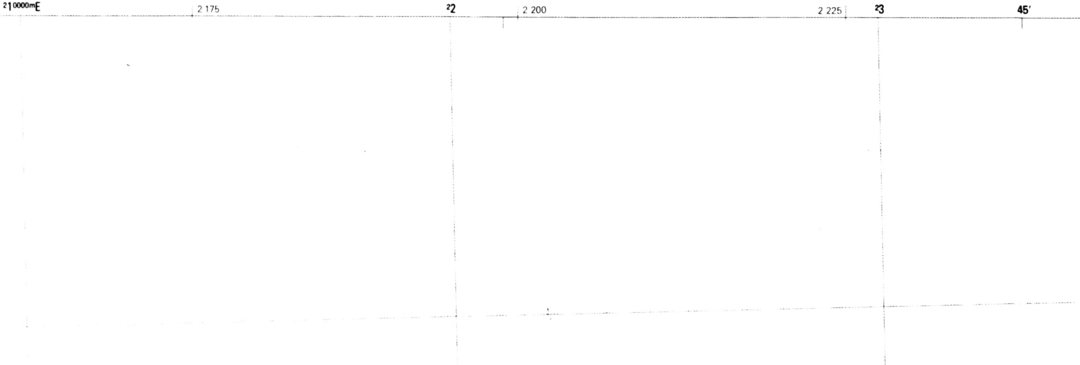
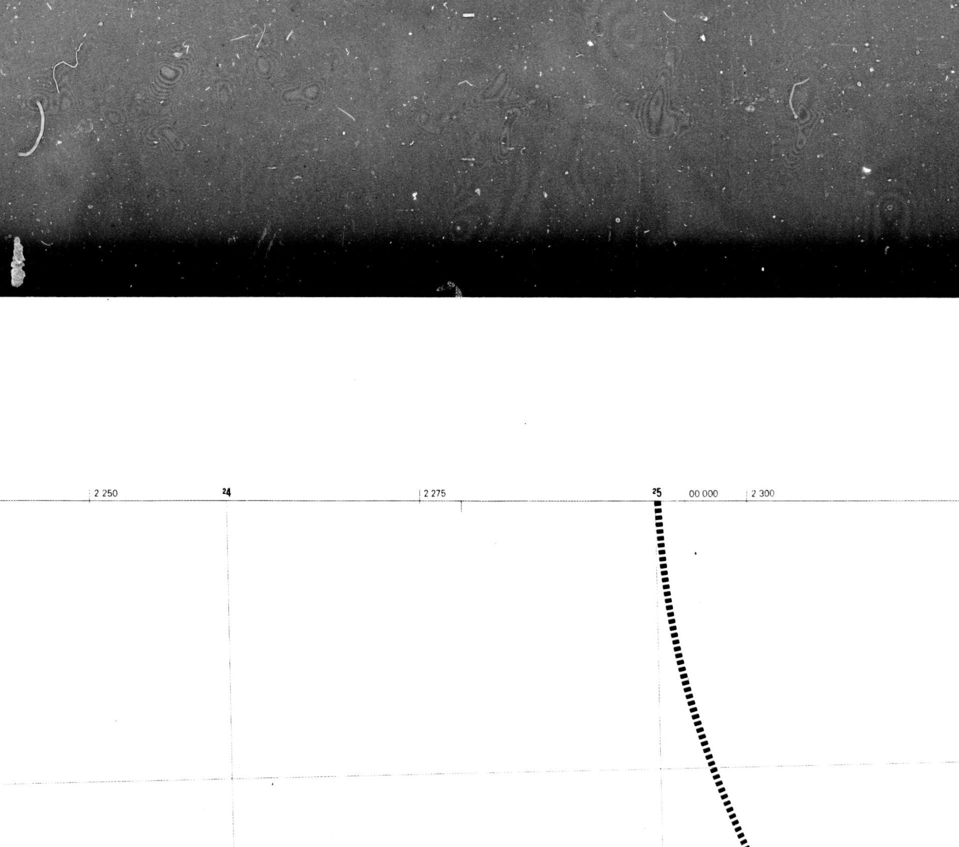
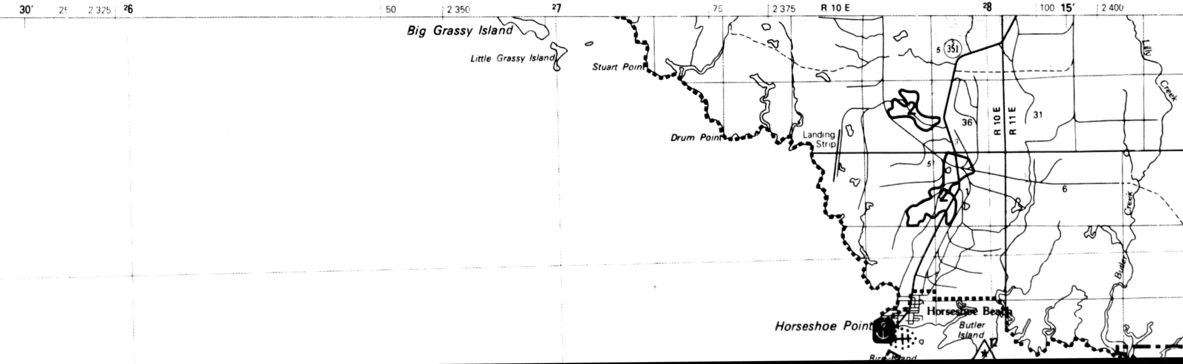

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3
7.1
8.0

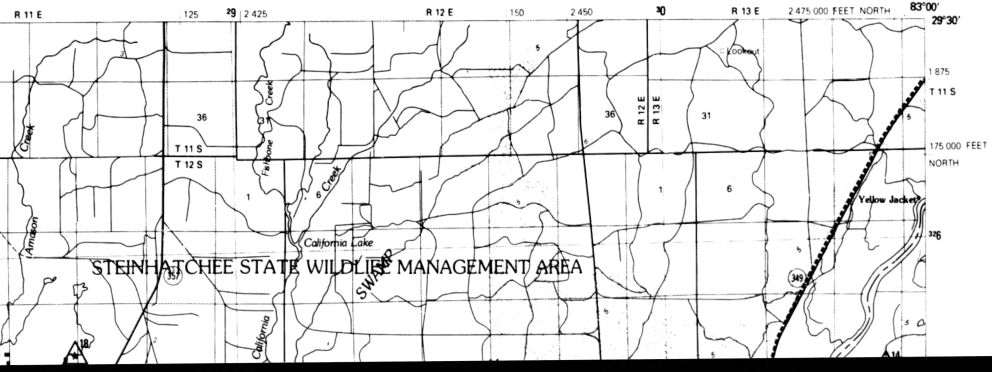

84°00'
29°30'
175
1 675 000 FEET
WEST
3260000mN



²1 0000m E
2 175
²2
2 200
2 225
²3
45′


2 250
24
2 275
25
00 000
2 300


30′
25
2 325
26
50
2 350
27
75
2 375
R 10 E
28
100
15′
2 400
Big Grassy Island
Little Grassy Island
Stuart Point
Drum Point
Landing Strip
5
351
36
R 10 E
R 11 E
31
5
6
Lilly Creek
Creek
Butler
Horseshoe Beach
Horseshoe Point
Butler Island
Bird Island


R 11 E
125
29
2 425
R 12 E
150
2 450
30
R 13 E
2 475 000 FEET NORTH
83°00′
29°30′
Lookout
5
1 875
T 11 S
Creek
36
Creek
3
36
R 12 E
R 13 E
31
5
T 11 S
T 12 S
175 000 FEET NORTH
Fishbone
6
Creek
1
1
6
Yellow Jacket
Amason
5
California Lake
326
STEINHATCHEE STATE WILDLIFE MANAGEMENT AREA
357
SWAMP
5
349
5
California
5
18
2
5
14

AUG 13 '86 I49.89:82/47-1/map B14

MICROCOPY RESOLUTION TEST CHART
NBS 1010a
(ANSI and ISO TEST CHART No. 2)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0

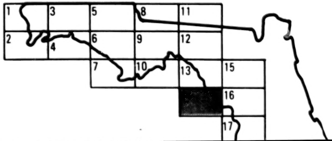
MAP B14

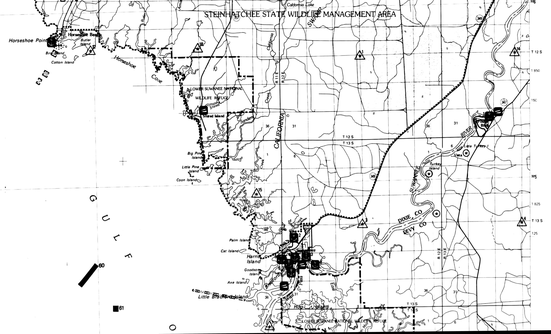
MMS 85-0011
FWS/OBS-82/47.1

Cedar Keys

FLORIDA ECOLOGICAL ATLAS

SOCIOECONOMIC FEATURES


1
2
3
4
5
6
7
8
9
10
11
12
13
15
16
17



ORIGINAL

Scale 1:100 000

TOPICAL MAPS IN THIS ATLAS:

A. BIOLOGICAL RESOURCES
B. SOCIOECONOMIC FEATURES
C. SOILS AND LANDFORMS
D. OIL, GAS AND MINERALS
E. HYDROLOGY AND CLIMATOLOGY

1984

Produced by U.S. Fish and Wildlife Service
and Minerals Management Services

Projection and 10,000 meter grid, zone 17, Universal
Transverse Mercator
10,000-foot grid to be based on Florida coordinate
system, west zone

Produced by U.S. Fish and Wildlife Service and Minerals Management Services

Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
1000-meter Ticks: based on Florida coordinate system, west zone

Overlay material compiled in 1983 from best available data obtained from Federal, State and Local government agencies and other sources.

NATIONAL LANDS (PARKS, PRESERVES, WILDERNESS AREAS, WILDLIFE REFUGES, MARINE AND ESTUARINE SANCTUARIES, AND MILITARY LANDS)

STATE PARKS, RECREATION AREAS, WILDERNESS AREAS AND WILDLIFE MANAGEMENT AREAS

STATE AQUATIC PRESERVE
NOTE: Only those lands waterward of the mean high-water line, within this boundary area, are within the aquatic preserve.

CONSERVATION LAND (STATE OWNED) (Environmentally Endangered Land, Water Management Land and Archaeological and Historical Preservation Land)

RECREATION LAND (< 25 ACRES) (County and Municipal Parks and Recreation Areas)

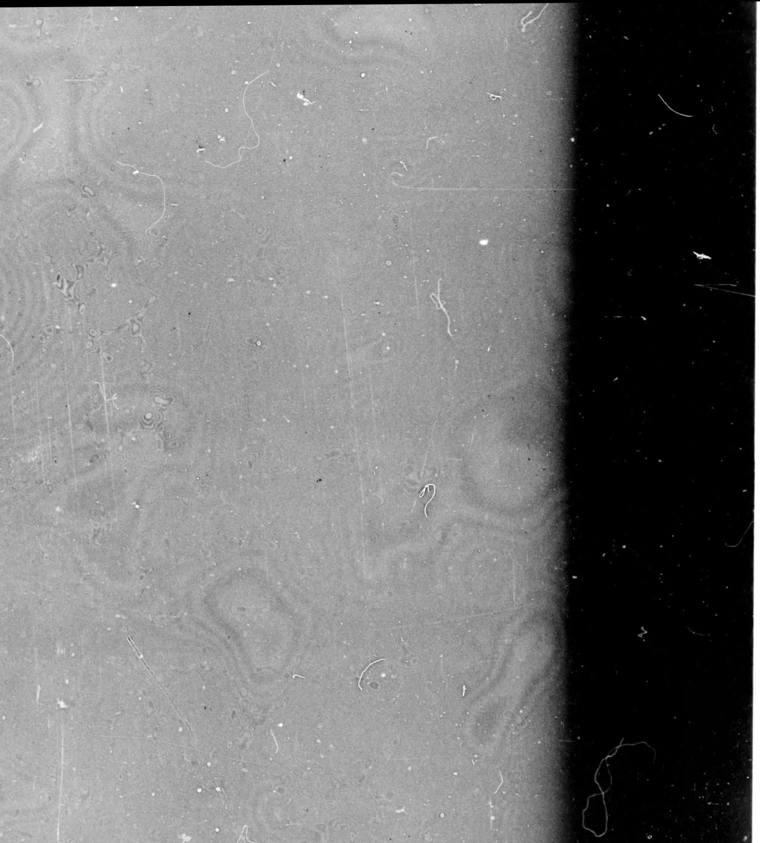
INTENSIVELY UTILIZED RECREATIONAL BEACH ACCESS POINT

MARINA

CHARTER AND/OR HEAD BOAT LOCATION

PUBLIC BOAT RAMP

Dry Tortugas
Fort Jefferson
Loggerhead Key
Garden Key
Bird Key
Long Key
Bush Key
Middle Key
Hospital Key
Sand Key
Key West
Boca Chica Key
Stock Island
Key West International Airport
Key West Naval Air Station
Boca Chica Naval Air Station
Key West National Wildlife Refuge
Saddlebunch Keys
Big Coppitt Key
Rockland Key
Cudjoe Key
Sugarloaf Key
Summerland Key
Ramrod Key
Little Torch Key
Big Torch Key
Middle Torch Key
Little Pine Key
Big Pine Key
Newfound Harbor Keys
Pine Channel Keys
Deer Island
Clark
Hog Islands
Content Keys
Boca Chica Channel
Key West Harbor
Gulf of Mexico
Straits of Florida



$^{32}3$

50

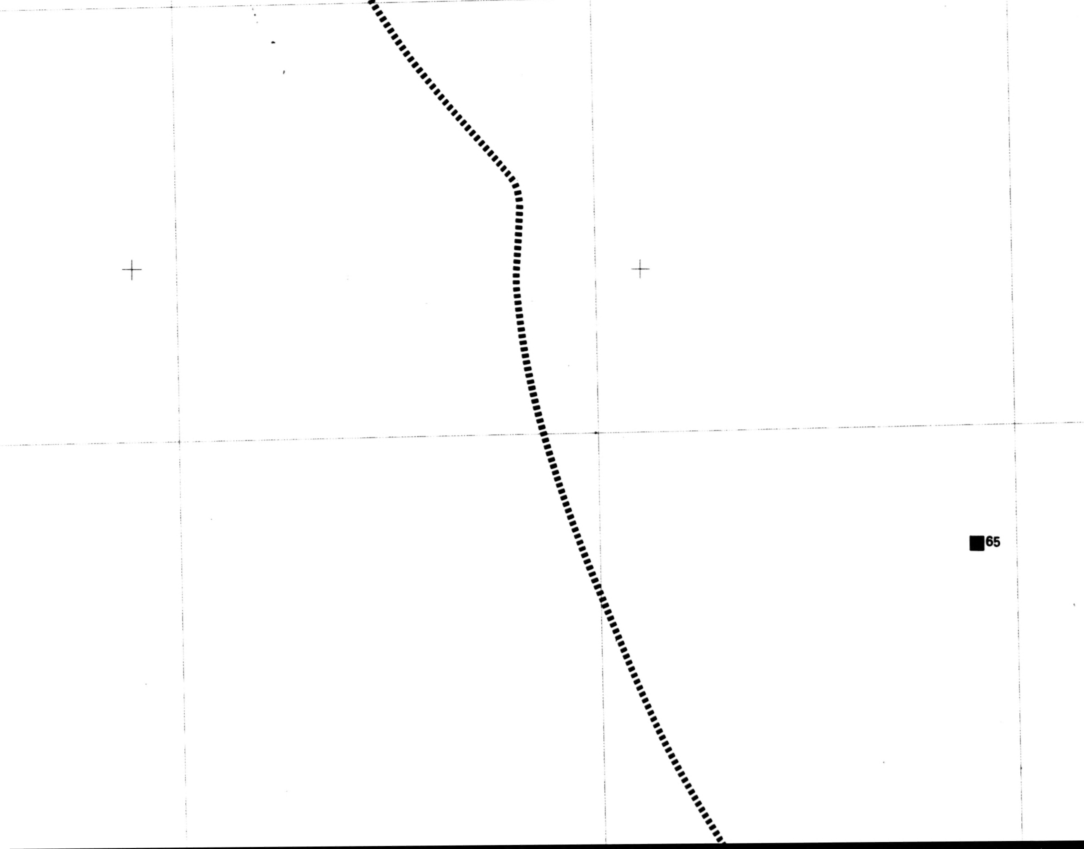
1 750

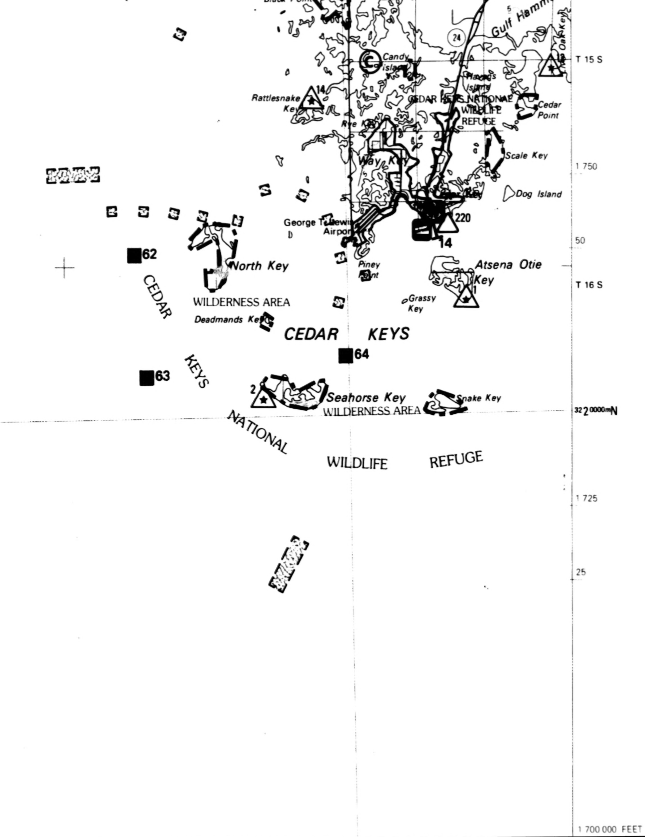
$^{32}2$

25 000 FEET

NORTH

1 725




Gulf Hamm
24
Candy Island
T 15 S
Rattlesnake Key
14
CEDAR KEYS NATIONAL WILDLIFE REFUGE
Cedar Point
Rye Key
Scale Key
Way Key
1 750
Dog Island
George T. Lewis Airport
220
14
50
62
North Key
Piney Point
Atsena Otie Key
1
T 16 S
WILDERNESS AREA
Grassy Key
Deadmands Key
CEDAR KEYS
64
63
2
Seahorse Key
Snake Key
WILDERNESS AREA
32 20000mN
CEDAR KEYS NATIONAL WILDLIFE REFUGE
1 725
25
1 700 000 FEET

Recreation Areas)

Ⓑ	INTENSIVELY UTILIZED RECREATIONAL BEACH ACCESS POINT
⚓	MARINA*
■	CHARTER AND/OR HEAD BOAT LOCATION
■	PUBLIC BOAT RAMP
■	FLORIDA CANOE TRAIL SYSTEM
⊣	MAJOR PUBLIC FISHING PIER*
■	ARTIFICAL REEF* (Permitted by Florida Dept. of Environmental Regulation) Numbers next to reefs refer to composition data in narrative. Reef shapes vary on map.
⁜	SHIPWRECK (SUNKEN OR EXPOSED)
△	MAJOR OFFSHORE STRUCTURE (≥ 30 FEET IN HEIGHT)

LAND USE

1	Urban Land
2	Agricultural Land
3	Range Land

All other land use classifications not portrayed consist primarily of wetlands and other habitats. Wetlands mapping units are delineated on Map A, Biological Resources.

LANDFILL*

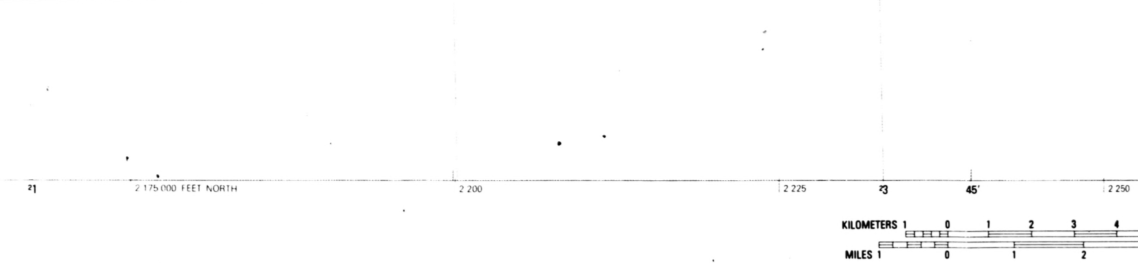
▨ 1	Class 1 (≥ 200 tons/month or ≥ 50 cubic yards/month)
▨ 2	Class 2 (< 200 tons/month or < 50 cubic yards/month)
▒	DREDGE SPOIL DISPOSAL SITE (Permitted by the U.S. Army Corps of Engineers)

POINT SOURCE DISCHARGE*
(Permitted by the Florida Dept. of Environmental Regulation)

THE FLORID
SERVICE, D
TEAM (FWS
PLANNERS,
EVALUATE
WILDLIFE R
THE STUDY
OKALOOSA
JEFFERSON
OFFSHORE
OR PRODUC
JURISDICTI
THE GEOGR
AGENCIES.

THIS MAP H
INCLUDING
CONTAINED
FEATURES,
MEASUREM

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)


21
2 175 000 FEET NORTH
2 200
2 225
23
45′
2 250
KILOMETERS 1 0 1 2 3 4
MILES 1 0 1 2

DA ECOLOGICAL ATLAS WAS PRODUCED BY THE U.S. FISH AND WILDLIFE
IVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS
/OBS - 82/47) AND THE MINERALS MANAGEMENT SERVICE FOR COASTAL
DECISION MAKERS, AND THE GENERAL PUBLIC, TO DETERMINE AND
CHANGE AND TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND
EQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY.
AREA INCLUDES THE COASTAL COUNTIES: ESCAMBIA, SANTA ROSA,
, WALTON, WASHINGTON, BAY, CALHOUN, GULF, FRANKLIN, WAKULLA,
, TAYLOR, DIXIE, LEVY, CITRUS AND HERNANDO, AND EXTENDS
APPROXIMATELY 10 MILES. THERE IS NO ATTEMPT, IN THE DESIGN
CTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY
ON OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENT TO ESTABLISH
RAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT

HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS
MAPS, AERIAL PHOTOS, AND REPORTS. SINCE MANY SOURCES
GENERALIZED LOCATIONS OF RESOURCES AND OTHER MAPPED
THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE
IENTS OF DISTANCES OR AREAS.

PRIMARY SOURCES OF MAPPED INFORMATION:

FEDERAL & STATE CONSERVATION, PRESERVATION & RECREATION AREAS: Fla. Dept. of Transportation, Areas of Environmental Concern Map Series, 1981.

MILITARY LANDS: Fla. Dept. of Transportation, Areas of Environmental Concern Map Series, 1981.

ARTIFICIAL REEFS: Fla. Sea Grant Program, 1982.

OFFSHORE STRUCTURES & SHIPWRECKS: National Ocean Survey Nautical Charts and Computer Printouts, 1981.

LAND USE CLASSIFICATION: U.S. Geological Survey Land Use Classification Maps, 1975.

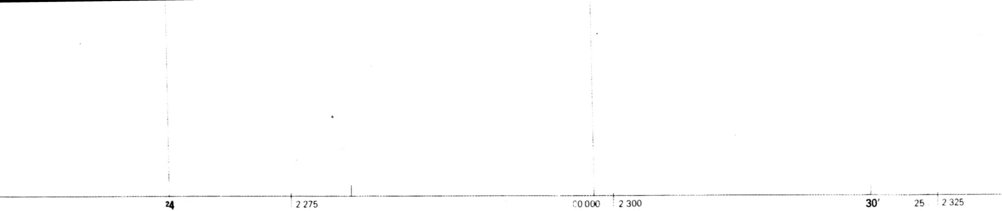
POINT SOURCE DISCHARGES AND LANDFILLS: Fla. Dept. of Environmental Regulation Computer Printouts, 1981.

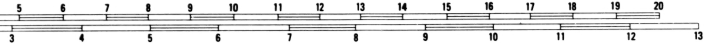
DREDGE SPOIL DISPOSAL SITES: Fla. Dept. of Environmental Regulation, 1981.

HISTORICAL & ARCHAEOLOGICAL SITES: Compilation from Fla. Bureau of Historic Preservation, 1982.

NATURE CONSERVANCY LANDS: Data provided by The Nature Conservancy, 1983.

FOR COMPLETE REFERENCES SEE MAP NARRATIVE

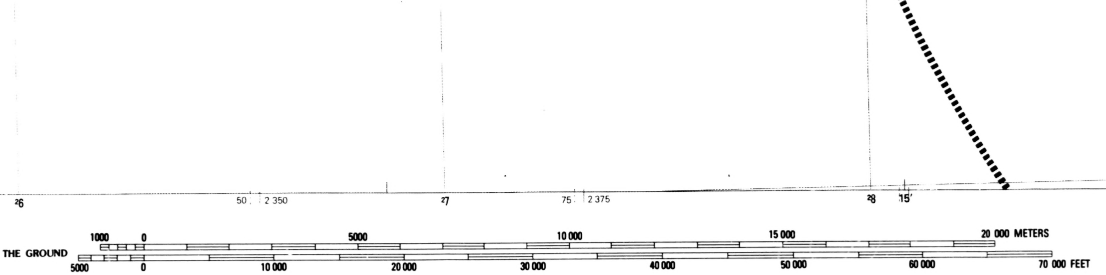

24
2 275
00 000
2 300
30′
25
2 325


5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
3
4
5
6
7
8
9
10
11
12
13

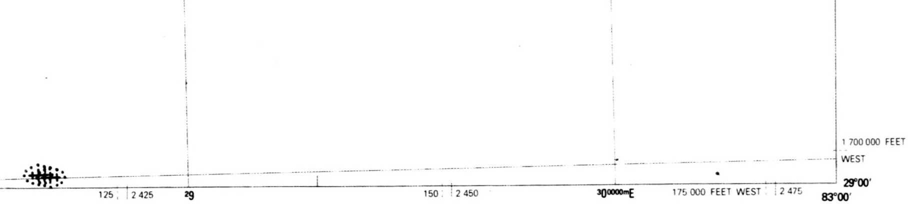
SCALE 1:100 000

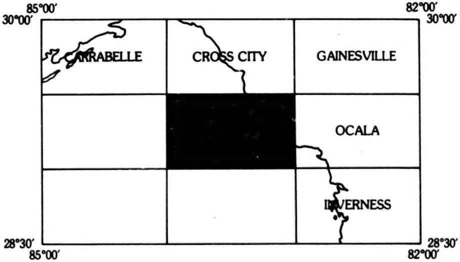
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON

CONTOUR INTERVAL 5 METERS



26
50
2 350
27
75
2 375
28
15′
1000
0
5000
10 000
15 000
20 000 METERS
THE GROUND
5000
0
10 000
20 000
30 000
40 000
50 000
60 000
70 000 FEET


1 700 000 FEET
WEST
29°00′
83°00′
125
2 425
29
150
2 450
300000mE
175 000 FEET WEST
2 475


85°00′
30°00′
82°00′
30°00′
CARRABELLE
CROSS CITY
GAINESVILLE
OCALA
INVERNESS
28°30′
85°00′
28°30′
82°00′

▨ $<$ 50 cubic yards/month)

▨ DREDGE SPOIL DISPOSAL SITE
(Permitted by the U.S. Army Corps of Engineers)

POINT SOURCE DISCHARGE*
(Permitted by the Florida Dept. of Environmental Regulation)

▲ Industrial Point Source

△ Municipal Point Source

✹ NATIONAL NATURAL LANDMARK

● NATIONAL REGISTER OF HISTORIC PLACES

△ ARCHAEOLOGICAL AND HISTORICAL SITES
(Number next to symbol represents total number of archaeological and historic sites per township and range)

⊛ NATURE CONSERVANCY LAND

STUDY AREA BOUNDARY

▪▪▪▪▪▪▪▪▪▪ **Offshore**

— — — — **Inland (County)**

— - - — **Inland (State)**

**Symbols appearing with numbers are described more fully in the narrative.*

MICROFILMED FROM
BEST AVAILABLE COPY

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
2.5
2.2
2.0
1.8
1.6
2.8
3.2
3.6
4.0
4.5
5.0
1.0
1.1
1.25
1.4